

JUN 20 2009

~~Under the Paperwork Reduction Act~~
~~EX-10.1~~ Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 01

of 02

Complete if Known

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid OMB control number.

Application Number	10/650,446
Filing Date	August 28, 2003
First Named Inventor	Kalin Spariosu
Art Unit	
Examiner Name	
Attorney Docket Number	PD-02W148

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature *[Signature]* **Date Considered** *9/05*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

02

of

02

Application Number

10/650,446

Filing Date

August 28, 2003

First Named Inventor

Kalin Spariosu

Art Unit

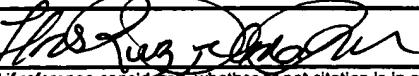
Examiner Name

Attorney Docket Number

PD-02W148

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DPA	1	Nikolov, S. et al.: "Diode Pumped Erbium Lasers at 1.55 'mu!m and 1.64 'mu!m in single frequency operation" Proceedings of the SPIE - The International Society for Optical Engineering SPIE-INT. Soc. Opt. Eng USA, Vol. 2772, 1996, pgs. 78-84, XP002324720, ISSN: 0277-786X	
	2	Kaczmarek, F. et al.: "Kinetics of Er<3+>-doped fluorozirconate optical fiber upconversion fluorescence and laser emission under 800 nm - excitation" Applied Physics B (Lasers and Optics) Springer-Verlag Germany, Vol. 873, No. 2, August 2001, pgs. 125-128, XP002324721.	
	3	Ruikun Wu et al.: "Characteristics of Diode-Pumping Erbium Ytterbium-Doped Glass Laser" Proceedings of the SPIE - The International Society for Optical Engineering SPIE-INT. Soc. Opt. Eng. USA, Vol. 2986, 1997, pgs. 16-18, XP0023024722, ISSN: 0277-786X	

Examiner Signature		Date Considered	9/05
--------------------	---	-----------------	------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/650 446
Filing Date	August 28, 2003
First Named Inventor	K. Spariosu
Art Unit	2828
Examiner Name	

Attorney Docket Number

PID-02W148

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DYR	1	T.Yanagisawa, K.Asake, K.Hamazu, and Y.Hirano, "11-mJ, 15 Hz single frequency diode-pumped Q-switched Er,Yb:phosphate glass laser", Optics Lett. 26(16), 1262-1264, (2001)	
	2	A. Levoshkin, A.Petrov, and J.E.Montagne, "High-efficiency diode-pumped Q-switched Yb:Er:glass laser", Optics Communications, 185, 399-405 (2000)	
	3	T.Schweizer, T.Jensen, E. Heumann, and G.Huber, "Spectroscopic properties and diode pumped 1.6 mm performance in Yb-codoped Er:Y ₃ Al ₅ O ₁₂ and Er:Y ₂ SiO ₅ ", Optics Communications, 118, 557 - 561 (1995)	
	4	K. Spariosu, M. Birnbaum, and B. Viana, "Er ³⁺ :Y ₃ Al ₅ O ₁₂ laser dynamics: effects of upconversion", J. Opt. Soc. Am. B, 11(5), 894-900, (1994)	
	5	K. Spariosu and M. Birnbaum, "Intracavity 1.549 nm pumped 1.634 nm Er:YAG Lasers at 300 K", IEEE J. Quantum Electron. 30(4), 1044-1049, (1994)	
	6	J. J. Degnan, "Theory of optimally coupled Q-switched laser", IEEE J. Quantum Electron. 25(2), 214-220, (1989)	
DYR	7	J. J. Degnan, "Optimization of passively Q-switched laser", IEEE J. Quantum Electron. 31(11), 1890-1901, (1995)	

Examiner Signature		Date Considered	9/05
--------------------	---	-----------------	------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.